



DAPIN
engineering & energy people



ENGINEERING
AND
ENERGY PEOPLE

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WHO WE ARE

We are an entrepreneurial group in the engineering and construction industry within the Energy sector, established over 35 years ago and supported by human talent, whose constant and tenacious effort is aimed at exceeding our clients' expectations.

We have extensive experience in the engineering and construction of Energy facilities; whether in oil, gas, combined cycles, generation, cogeneration, wind, and petrochemicals.

We supply man-hours of engineering to be developed at the client's facilities.

We are a company that, with the backing of more than three decades of experience and more than 2,000 successfully executed projects, in conjunction with our associates, maintains a youthful spirit of relentless pursuit of excellence, highly motivated and innovative, confident in achieving levels of efficacy and efficiency higher than demanded.

Our clients prefer us because we have a staff of professionals with extensive international experience, participants in major projects developed and under development around the world.

VISION / MISSION

Our Vision

To be a recognized and trusted organization in the international market, ensuring the participation of highly qualified and responsible technical personnel, by developing projects with the highest standards of quality and under a win-win philosophy for the company, clients, and employees.



Our Mission

We support our clients in the different engineering phases of their investment projects, from conceptual, basic, and detailed engineering to construction, and offer consulting services with high technical and quality content, developed by qualified personnel following the established schedule.

OUR SERVICES

We possess the intellectual capital, technical resources, and financial means to carry out projects.

In-house engineering hours

(our engineers on the project or client's premises)

Conceptual and feasibility studies

Basic Engineering

Detailed Engineering

FEED (Front End Engineering and Design)

Procurement Management

Construction Management

PMC (Project Management Consultant)

EPC (Engineering, Procurement and Construction)

EPC+F (EPC with financing proposal)

SERVICE AREAS

Competitive Advantages

With our offices in Spain, UAE, and Venezuela, we offer support in engineering and construction in the oil, gas, and/or energy sectors, in the geographical areas where much of this activity is concentrated worldwide.

We have committed to meeting our clients' requirements and exceeding their quality expectations by optimizing production, operational, and administrative processes, continuously improving our quality management system, respecting environmental regulations, and projecting a genuine image of ethics, seriousness, and respect towards our clients, suppliers, collaborators, and society in general.

At Design and Projects International, we go beyond offering professional excellence. Our goal is to achieve a lasting and trusting relationship with our clients, guided by the philosophy of maximum satisfaction.

Service areas

- Generation and Cogeneration
- Natural Gas
- Oil and Gas Pipelines
- Gas Processing Plants
- Refining and Petrochemicals
- Gas Treatment
- Compression Stations
- Renewable Energies
- Industrial Process Plants:
 - Steel
 - Cement
 - Food and Beverages
 - Chemicals
 - Industrial Buildings
- Infrastructure:
 - Commercial Buildings
 - Residential Buildings
 - Public Buildings

¿ What We Offer ?

Over 35 years of experience

The most recognized professionals in the world in Oil & Gas

The most competitive rates globally

An unwavering commitment to quality

OUR EXPERIENCE



OUR EXPERIENCE

Together with our associates, we offer the support of a team of more than 500 engineers and technicians from all engineering specialties. With both our in-house staff and in the execution of engineering packages, we have collaborated on projects such as:

Bahrain

Project BAPCO Modernization Program, DAPIN developed the engineering, procurement, construction, commissioning, and start-up. Our work included instrumentation design, electrical engineering, civil works, structures, and boiler-making for multiple units of the project, such as Technical Buildings CDU/VDU, Crude Distillation Unit, Vacuum Distillation Unit, and more.

Kuwait

Project KNPC Al-Zour Refinery, DAPIN executed engineering, procurement, construction, and commissioning of the process units. In particular, we focused on electrical engineering activities for the ARDS unit, including cable design and calculation. Additionally, we contributed to the civil work and structural design for the CDU UNIT, addressing foundations, structures, plans, buildings, and piping design for both units.

Saudi Arabia

Project Fadhili Gas Plant (Capacity: 2,500 MMSCFD). DAPIN participated in three units: Process Utilities, Interconnecting Systems, and Gas Process. We focused on electrical design, procurement management, plan review, inspections, civil work and structural design, including plans, metal structures, and platforms. We also carried out piping engineering, ensuring quality, flexibility analysis, and support calculations.



OUR PROJECTS



Saudi Arabia

Execution of the Project at Ras Tanura Refinery
DAPIN played a crucial role in the execution of Packages I and II at the Ras Tanura Refinery, located on the eastern coast of Saudi Arabia. Our commitment covered three units of the project, each with specific and critical tasks.

For the INTERCONNECTING UNIT, we led electrical engineering activities, including equipment procurement, vendor drawing reviews, and inspections to ensure compliance with standards. In the AUXILIARY SERVICES UNIT, we focused on civil works and structural engineering, excelling in foundation calculations, structural design, and plan verification. Additionally, we contributed our expertise in instrumentation and control disciplines, as well as piping design for the INTERCONNECTING UNIT and NHT/CCR.



Omán

Participation in the Refinery Project in DUQM
DAPIN deployed its capabilities in engineering, procurement, and construction for the new refinery located in DUQM. In this ambitious project, our team was involved in multiple disciplines, focusing on electrical design and electrical engineering. Our work included comprehensive support for cable design and calculation, detailed plan creation, maintenance management, and coordination of electrical systems, as well as the development of sketches and circuits.

In addition to our contributions in the electrical field, we also played a fundamental role in procurement management, including the preparation of requisitions and requests for proposals for essential equipment and materials for the critical units of the project, such as the HYDROCRACKER UNIT (HCU), SATURATED GAS PLANT UNIT (SGPU), DELAYED COKER UNIT (DCU), and the INTERCONNECTION PIPERACK.



Azerbaiján

Modernization and Reconstruction of the Heydar Aliyev Refinery in Baku, SOCAR HAOR DAPIN played a significant role in the modernization and reconstruction of the Heydar Aliyev Refinery in Baku. Our focus was on the TANKAGE AREA-1 unit, where we carried out key activities in the disciplines of electrical design, instrumentation, and control.

In the realm of electrical design, we specialized in the lighting and power supply for the utility units, ensuring efficient and safe operation. Additionally, we contributed to the instrumentation and control engineering of the same unit, conducting calculations, design and equipment selection, procurement management, and the preparation of technical specifications. Our work included the verification of quality standards and the implementation of procedures, as well as the creation of logic and cause-effect diagrams, among other responsibilities.



OUR PROJECTS



Saudi Arabia

Execution of the Fadhili Gas Plant DAPIN played a fundamental role in the execution of the new Fadhili Gas Plant, with a total capacity of 2,500 MMSCFD, located southwest of Khursaniyah. In this project, we actively participated in three essential units: Process Utilities Unit, Interconnecting Systems Unit, and Gas Process Unit.

Our involvement extended to various disciplines, excelling in electrical design and engineering for the utilities units, including the design of lighting and power systems. Additionally, we proactively managed equipment procurement, drawing reviews, and provided assistance in key inspections. We also played a crucial role in civil works and structural design, addressing plans, metal structures, and platforms to ensure a solid foundation for the project.

United States

Development of Plants at the Lake Charles Petrochemical Complex, Westlake, Louisiana DAPIN played an essential role in the development of the Guerbet Alcohol and Ethoxylation plants at the Lake Charles Petrochemical Complex, located in Westlake, Louisiana. Our notable participation focused on the disciplines of piping engineering and instrumentation and control.

Regarding piping engineering, we conducted detailed calculations and flexibility analysis of piping, as well as load calculations on equipment for the ETO unit. Similarly, in the field of instrumentation and control engineering for the ETO UNIT, we played a fundamental role. This included equipment selection, procurement management, preparation of technical specifications, and ensuring high-quality standards. We were also responsible for creating logical diagrams, cause-effect diagrams, and other key tasks.



Kuwait

DAPIN played an essential role in the execution of the new Al-Zour Refinery for KNPC.

In particular, our participation focused on key activities within the electrical engineering package, with a special emphasis on cable design and calculation for the ARDS (Atmospheric Residue Desulphurization) unit. Additionally, we made significant contributions to the civil works and structural engineering package related to the CDU (Crude Distillation Unit), where we performed foundation calculations, structural analyses, plan checks, and building calculations. We also played a vital role in piping design for both units.

Our expertise and commitment were crucial to the success of KNPC's new Al-Zour Refinery.

Bahréin

DAPIN played a crucial role in the BAPCO Refinery modernization project, focusing on instrumentation design, electrical engineering, civil works, structural engineering, and boiler-making. Our work spanned multiple engineering units, including Technical Buildings CDU/VDU, Crude Distillation Unit, Vacuum Distillation Unit, Saturated Gas Plant 1, Saturated Gas Plant 2, Refinery Tank Farm, Boiler Feed Water Condensate Dist, Closed Cooling Water Unit, Hydrocracker Unit, Tank Farm Booster Pumps, SGP-CSP&MEROX, and Fluid Catalytic Cracking (FCC). Our expertise and commitment were fundamental to the success of the modernization project.

Our presence and experience in these crucial areas have been essential for the success of the BAPCO Refinery modernization, reinforcing our commitment to excellence in engineering and construction.





Técnicas Reunidas

Técnicas Reunidas, S.A.

It is a general contractor with international operations, dedicated to the engineering, design, and construction of all types of industrial facilities for a wide range of clients worldwide.



Acciona

ACCIONA S.A.

It is one of the leading Spanish business corporations, a leader in the promotion and management of infrastructures (construction, industrial, water, and services) and renewable energies.



OHL

OBRASCÓN HUARTE LAIN, S.A.

Obrascón Huarte Lain (OHL) is an international concessions and construction group with over 100 years of history. It operates in more than 30 countries across 5 continents.



Technip

Technip Energies Iberia S.A.U

Technip is an energy company with three business segments: Subsea, Offshore, and Onshore. It has 38,000 employees and operates in 48 countries.



Repsol

Repsol S.A.

Repsol is a Spanish energy and petrochemical company headquartered in Madrid. Founded in 1987, it operates globally and employs 25,000 people.





PDVSA

Petróleos de Venezuela S.A.

Petróleos de Venezuela, Sociedad Anónima (PDVSA) is a Venezuelan state-owned company engaged in the exploration, production, refining, marketing, and transportation of Venezuelan oil.



DRAGADOS

Dragados Offshore S.A.

Since its founding in 1972, Dragados Offshore S.A. has distinguished itself as a leader in EPC (Engineering, Procurement, and Construction) for the oil, gas, and energy industries. With 40 years of experience.



Pequiven

Petroquímica de Venezuela, S.A.

It is the Venezuelan State Corporation responsible for producing and marketing essential petrochemical products, with a priority towards the national market.



ADNOC

Abu Dhabi National Oil Company

Abu Dhabi National Oil Company (ADNOC) is the national oil company of Abu Dhabi and one of the largest in the world, with significant oil reserves and exploration activities.



NPCC

National Projects Construction Corporation

Established in 1973, NPCC is a prominent Engineering, Procurement, and Construction (EPC) company that provides comprehensive EPC solutions for the oil and gas sectors both onshore and offshore.



SOCIAL RESPONSIBILITY

We are members of UNHCR's ERT and the UN Global Compact. Additionally, we have established the DAPIN Foundation to focus our collaboration on SDGs 1, 2, and 3, and we are participating in mentoring activities and talks for entrepreneurs.



UN Global Compact

The United Nations Global Compact is an international initiative that promotes the implementation of 10 universally accepted principles to advance corporate social responsibility (CSR) in the areas of Human Rights, Labor Standards, Environment, and Anti-Corruption in the activities and business strategy of companies. With over 12,000 signatories in more than 145 countries, it is the world's largest voluntary corporate social responsibility initiative.

Supported by the CEOs of the companies involved, the Global Compact provides a practical framework for developing, implementing, and disseminating sustainable business policies and practices.



ERT ACNUR

UNHCR often faces emergency situations that require an immediate response. This could involve, for example, an outbreak of violence that forces tens of thousands of people to flee their homes, or an earthquake that displaces hundreds of thousands of people.

UNHCR has established teams of workers with a wide range of skills. These individuals are available to be deployed anywhere in the world at a moment's notice.

We are immensely proud to belong to UNHCR's Emergency Response Team (ERT).

DAPIN Foundation

The DAPIN Foundation is an initiative dedicated to addressing school dropout rates in Venezuela, especially among vulnerable children. Through its 'Hijos Infinitos' program, the foundation provides monthly scholarships equivalent to eight minimum wages to selected students who face economic difficulties in continuing their education.

All collaborators, including the DAPIN team and the Rotary Club, work voluntarily, ensuring that 100% of the funds raised reach the children's homes. The DAPIN Foundation aims to provide financial support and educational opportunities to children with great potential but limited resources, thus contributing to their academic and personal development.

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